

## WHAT IS CLAIMED IS

1           1.       A wedge base track lamp holder assembly comprising:  
2               a base including a first channel having an opening at one end of the base, a second  
3       channel extending away from the first channel and having an opening at an end opposite the  
4       first channel, and an adaptor portion extending from the base and enclosing at least a part of  
5       the second channel;  
6               at least one conductive contact member insertable within the first channel and the  
7       second channel; and  
8               a retention piece insertable within the second channel and configured to retain the  
9       conductive contact member within the first channel and the second channel.

1           2.       The wedge base track lamp holder of claim 1 wherein the first channel  
2       includes at least one conductor slot running along at least a part of the length of the first  
3       channel, the conductive contact member includes a first portion and a second portion  
4       extending from the first portion, and the first portion of the conductive contact member fits  
5       within the conductor slot and the second portion fits within the second channel.

1           3.       The wedge base track lamp holder of claim 2 wherein the conductor slot  
2       includes an upper wall and a lower wall, the conductive contact member includes at least one  
3       upper contact and at least one lower contact, and when the first portion of the conductive  
4       contact member is positioned within the conductor slot, the upper contact is adjacent to the  
5       upper wall and the lower contact is adjacent to the lower wall.

1           4.       The wedge base track lamp holder of claim 2 wherein the second channel  
2       includes at least one second conductor slot running along at least a part of the length of the  
3       second channel and the second portion of the conductive contact member fits within the  
4       second conductor slot.

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1           5.       The wedge base track lamp holder of claim 4 wherein the retention piece  
2 retains the second portion of the conductive contact member within the second conductor slot  
3 in the second channel.

1           6.       The wedge base track lamp holder of claim 4 wherein the second conductor  
2 slot in the second channel comprises a back wall and two side walls and the adaptor portion  
3 has a wider opening at the second conductor slot than at a region of the adaptor portion  
4 adjacent to the second conductor slot and the retention piece includes a wider portion  
5 configured to fit within the second conductor slot and a narrower portion configured to fit  
6 within the region of the adaptor portion adjacent to the second conductor slot.

1           7.       The wedge base track lamp holder of claim 4 further comprising a retention  
2 piece slot in the second channel and a protrusion extending from the retention piece and  
3 configured to fit within the retention piece slot when the retention piece is inserted into the  
4 second channel.

1           8.       The wedge base track lamp holder of claim 7 wherein the insertion of the  
2 protrusion into the retention piece slot restricts lateral movement of the retention piece.

1           9.       The wedge base track lamp holder of claim 1 wherein the adaptor portion  
2 includes at least one adaptor slot running in a direction that is generally perpendicular to the  
3 second channel and the retention piece includes at least one protrusion that is configured to  
4 fit within the adaptor slot.

1           10.      The wedge base track lamp holder of claim 9 wherein the adaptor slot is  
2 defined by a generally horizontal upper wall and an angled lower wall, and the protrusion on  
3 the retention piece has an opposite shape of the adaptor slot, whereby the protrusion slides  
4 into the adaptor slot in one direction but is prevented from being pulled out in the other  
5 direction.

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1           11.     The wedge base track lamp holder of claim 1 wherein the base includes a base  
2 slot in a lower surface of the first channel and the retention piece includes an extension  
3 extending from a lower surface of the retention piece and being configured to fit within the  
4 base slot in the lower surface when the retention piece is inserted into the second channel,  
5 whereby the insertion of the extension into the base slot restricts lateral movement of the  
6 retention piece.

1           12.     The wedge base track lamp holder of claim 1 further comprising at least one  
2 reflector including an aperture,  
3           wherein the retention piece includes at least one arm extending from the retention  
4 piece in a first direction and a tab extending from the arm in a second direction, and when the  
5 retention piece is inserted in the second channel, the tab is inserted into the aperture in the  
6 reflector to retain the reflector to the base.

1           13.     The wedge base track lamp holder of claim 12 further comprising a second  
2 reflector including an aperture,  
3           wherein the retention piece includes a second arm extending from the retention piece  
4 in a first direction and a tab extending from the second arm in a second direction, and when  
5 the retention piece is inserted in the second channel, the tab is inserted into the aperture in the  
6 second reflector to retain the second reflector to the base.

1           14.     The wedge base track lamp holder of claim 13 wherein the first channel in the  
2 base has openings at both ends of the base.

1           15.     The wedge base track lamp holder of claim 1 wherein the adaptor portion  
2 includes a pair of wings configured to be mated to a track lighting network.

1           16.     The wedge base track lamp holder of claim 9 wherein the adaptor portion  
2 includes an outward extension and the adaptor slot further extends along the outward  
3 extension.

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1 17. The wedge base track lamp holder of claim 1 wherein the lamp holder is  
2 configured to hold one lamp.

1 18. The wedge base track lamp holder of claim 1 wherein the lamp holder is  
2 configured to hold two lamps.

1 19. A method of forming a wedge base track lamp holder, the method comprising:  
2 providing a base including a first channel having an opening at one end of the base, a  
3 second channel extending away from the first channel and having an opening at an end  
4 opposite the first channel, and an adaptor portion extending from the base and enclosing at  
5 least a part of the second channel;

6 providing at least one conductive contact member insertable within the first channel  
7 and the second channel;

8 providing a retention piece insertable within the second channel and configured to  
9 retain the conductive contact member within the first channel and the second channel;

10 inserting the conductive contact member within the first channel and the second  
11 channel; and

12 inserting the retention piece within the second channel to retain the conductive  
13 contact member to the base.

1 20. The method of claim 19 wherein the first channel includes at least one  
2 conductor slot running along at least a part of the length of the first channel and the  
3 conductive contact member includes a first portion and a second portion extending from the  
4 first portion, and inserting the conductive contact member comprises inserting the first  
5 portion of the conductive contact member within the conductor slot and the second portion  
6 within the second channel.

1 21. The method of claim 19 wherein the second channel includes at least one  
2 second conductor slot running along at least a part of the length of the second channel and  
3 inserting the conductive contact member comprises inserting the second portion of the  
4 conductive contact member within the second conductor slot.

1           22.     The method of claim 19 wherein the adaptor portion includes at least one  
2 retention piece slot running in a direction that is generally perpendicular to the second  
3 channel and the retention piece includes at least one protrusion that is configured to fit within  
4 the retention piece slot and inserting the retention piece within the second channel includes  
5 inserting the protrusion into the retention piece slot.

1           23.     The method of claim 22 wherein the retention piece slot is defined by a  
2 generally horizontal upper wall and an angled lower wall, and the protrusion on the retention  
3 piece has an opposite shape of the retention piece slot, and inserting the retention piece in the  
4 second channel includes sliding the protrusion into the retention piece slot in one direction  
5 such that the protrusion rest against the upper wall but is prevented from being pulled out in  
6 the opposite direction.

1           24.     The method of claim 19 wherein the base includes a base slot in a lower  
2 surface of the first channel and the retention piece includes an extension extending from a  
3 lower surface of the retention piece and inserting the retention piece in the second channel  
4 further comprises inserting the extension into the base slot.

1           25.     The method of claim 19 further comprising:  
2 providing at least one reflector including an aperture; and  
3 retaining the reflector to the base, wherein the retention piece includes at least one  
4 arm extending from the retention piece in a first direction and a tab extending from the arm  
5 in a second direction, and inserting the retention piece into the second channel includes  
6 inserting the tab into the aperture in the reflector to retain the reflector to the base.

1           26.     The method of claim 19 further comprising inserting a lamp into the base and  
2 the conductive contact member.